ABSTRACT

The present invention has as its object to provide a vehicle passenger detection device that is able to prevent erroneous determinations arising from mechanical hysteresis. The present invention provides a vehicle passenger detection device comprising: weight measurement means, provided with a weight sensor disposed between a seat and floor of a vehicle, that measures the load applied to the seat; fluctuation amplitude detection means that detects the amplitude of fluctuation in values measured by the weight measurement means; correction means that applies a negative correction to the value measured by the weight measurement means when the fluctuation amplitude is smaller than a stipulated value; and passenger presence determination means that determines the presence of a passenger upon the seat by comparing the value measured by the weight measurement means against a stipulated threshold value.